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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 16:20:34 ; Search time 247.669 Seconds
(without alignments)
10774.128 Million cell updates/sec

Title: US-09-625-573-3
Perfect score: 1979
Sequence: 1 CAGGACTGGCTGAGACAAGC.....ATATGCAATATAAATTAG 1979

Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Searched: 845702 seqs, 674182571 residues

Total number of hits satisfying chosen parameters: 1691404

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Databases :

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Published_Applications_NA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	1943.8	98.2	143068	10	US-09-967-768A-316		Sequence 316, App
2	1081.4	54.6	1083	10	US-09-131-327A-1		Sequence 1, Appl
3	1079.8	54.6	1083	10	US-09-131-327A-19		Sequence 19, Appl
4	704.6	35.6	1059	12	US-10-106-223A-19		Sequence 14, Appl
5	703.4	35.5	1225	12	US-09-086-653A-14		Sequence 2, Appl
6	703.4	35.5	1376	9	US-10-086-81A-2		Sequence 2, Appl
7	703.4	35.5	1376	10	US-09-096-202A-2		Sequence 1, Appl
8	703.4	35.5	1477	10	US-09-0759-8A1-1		Sequence 2, Appl
9	703.4	35.5	1477	10	US-09-038-719A-2		Sequence 2, Appl
10	703.4	35.5	1477	10	US-09-039-226A-2		Sequence 2, Appl
11	703.4	35.5	1477	10	US-09-038-703A-2		Sequence 2, Appl
12	703.4	35.5	3383	9	US-09-074-221A-13		Sequence 13, Appl
13	703.4	35.5	3383	12	US-10-106-623A-1		Sequence 1, Appl
14	701.8	35.5	1225	10	US-09-091-653A-16		Sequence 16, Appl
15	701.8	35.5	1414	9	US-10-232-686A-1		Sequence 1, Appl
16	701.8	35.5	1414	10	US-09-0725-285A-1		Sequence 1, Appl
17	701.8	35.5	1414	10	US-09-195-662A-1		Sequence 1, Appl
18	701.8	35.5	1414	10	US-09-339-912A-1		Sequence 1, Appl
19	701.8	35.5	1414	10	US-09-502-783A-1		Sequence 1, Appl

ALIGNMENTS

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RESULT 1
US-09-967-768A-316
; Sequence 316, Application US/09967768A
; Patent No. US200215077A1
; GENERAL INFORMATION:
; APPLICANT: Augustus, Meena
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Sis
; FILE REFERENCE: 689290-72
; CURRENT APPLICATION NUMBER: US/09/967-768A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/6/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIORITY NUMBER: US/6/236,034
; PRIORITY FILING DATE: 2000-09-28
; PRIORITY NUMBER: US/6/236,111
; PRIORITY FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 316
; LENGTH: 143068
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-967-768A-316

Query Match Similarity 99.9%; Score 1943.8; DB 10; Length 143068;
Best Local Mismatches 0; Indels 0; Gaps 0;
Matches 1945; Conservative
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Qy 147 TTTCATGATTGATTGATTGCTCCCTGTCTAAATTGACTGTTGAGCAAATGGGCC 206
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Qy	567	ATCACCTGGTGGCTGCTCTGCTCCAGAACATCATCTTACTAAATGGCA 626	Qy	1647	GGAGATGATACTGGCTTAGCCCCATCTGGCACCTGTTGGAGTTGGTGAAGGGTTCAC 1706		
Db	46592	ATCACCTGGTGGCTGCTCTGCTCCAGAACATCATCTTACTAAATGGCA 46651	Db	47672	GGAGATGATACTGGCTTCTGGCCCATCTGGCACGTTGGAGTTGGTGAAGGGTTCAC 47731		
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Db	46772	TGGGAACTCTGAAAACCCTGTTCTGGCTGTTCTGGCTGTTCTGGCTG 46831	Db	47852	CACCTACATTGAAATCATGTCCTGTCATGTCATGGCTCTTAGGCCA 47911		
Qy	807	AGAGTCATCTTACCCATCATGATTGTTACUTTCTGGACTCCCTTACATGTC 866	Qy	1887	CATCCCCCTGCTAAAAAATCAGAAAATTTGGTTATAAAAGATGCCATTATCTATGATA 1946		
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Qy	987	ATCATCTATCCCTGTTGGGAGAGTTGAGTTCAGAGCTTCAGTCATGTCATCTG 1046	APPLICANT: Dean, Michael	APPLICANT: O'Brien, Stephen J.	APPLICANT: Smith, Michael	APPLICANT: Carrington, Mary	TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
Db	47012	ATCATCTATCCCTGTTGGGAGAGTTGAGTTCAGAGCTTCAGTCATGTCATCTG 47071	CURRENT APPLICATION NUMBER: US/09131827A	CURRENT FILING DATE: 1998-08-10	PRIOR APPLICATION NUMBER: 60/055,659	PRIOR FILING DATE: 1997-08-14	NUMBER OF SEQ ID NOS: 20
Qy	1047	CACATCACCAAGCGCTTCAGCAAAATGTCAGCTTCTGGCTGAGTTCAGTCATGTCATCTG 1106	SEQ ID NO 1	SOFTWARE: fastSEQ for Windows Version 4.0	LENGTH: 1083	TYPE: DNA	ORGANISM: Homo sapiens
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Query Match 54.6%; Score 1081.4; DB 10; Length 1083;
 Best Local Similarity 99.9%; Pred. No. 0;
 Matches 1082; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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 Sequence 19, Application US/09131827A
 Patent No. US20020038469A1
 GENERAL INFORMATION:
 APPLICANT: Dean, Michael J.
 APPLICANT: O'Brien, Stephen J.
 APPLICANT: Smith, Michael
 APPLICANT: Carrington, Mary
 TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
 TITLE OF INVENTION: MISSENSE ALLELE OF THE CCR2 GENE
 FILE REFERENCE: 14014.0333
 CURRENT APPLICATION NUMBER: US/09131827A
 CURRENT FILING DATE: 1998-08-10
 PRIORITY APPLICATION NUMBER: 60/055,659
 PRIORITY FILING DATE: 1997-08-14
 NUMBER OF SEQ ID NOS: 20
 SOFTWARE: FastSeqQ for Windows Version 4.0
 SEQ ID NO 19
 LENGTH: 1083;
 Query Match 54.6%; Score 1079.8; DB 10;
 Best Local Similarity 99.8%; Pred. No. 6.5e-315; 2; Indels 0; Gaps 0;
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Qy 441 CACATCGGTTATTTGGGGATCTGGCTGACTCTGGCTGACTCTGGCTGACT 500
 Db 361 CACATCGGTTATTTGGGGATCTGGCTGACTCTGGCTGACTCTGGCTGACT 380

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 Db 421 GCTATGTCACCTGGCTGGCTGACTCTGGCTGACTCTGGCTGACTCTGGCTGACT 300

Qy 561 AGTCAACTGGCCAAGGCACGGCTGGGATGACCTGCTGCACT 620
 Db 481 AGTCAACTGGCCAAGGCACGGCTGGGATGACCTGCTGCACT 540

Qy 621 TGCCAGAAAGAAGATTCGTTATGTCGTTGCCCCTTATTTCCAGAGGTGAAATAAT 680
 Db 541 TGCCAGAAAGAAGATTCGTTATGTCGTTGCCCCTTATTTCCAGAGGTGAAATAAT 600

Qy 681 TTCCACAGAAATGAGAACATTGGGGCTGCTTCGTCATCTGGTCATCT 740
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Qy 741 TGCTACTGGAAATCCTAAACCCCTGGTGGCTGACTCTCTGGCTGACTCCCTAAC 800
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Qy 801 GCAGTGAAGTCACTTACCATCATGATGTTACTCTCTGGCTGACTTAAT 860
 Db 721 GCAGTGAAGTCACTTACCATCATGATGTTACTCTCTGGCTGACTCCCTAAC 780

Qy 861 ATTCATCATCTCCGAACTTCCAGGAAATCTGGCTGACTAATCTGGATGAAAGCACC 920
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 Db 841 AGTCAACTGGCCAAGGCACGGCTGGGATGACCTGCTGCACT 900

Qy 981 AATCCCATCATCTATGCTTCGTCAGGAACTTCAGGATTCAGGAACTGCTTC 1040
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Qy 1041 CGAAAGCACATCACCAAGGCTCTCTGCAAAACAATGTCAGTCACTGGGAGACGTC 1100
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Qy 1101 GATGGAGTGACTTCACAAACAGCCCTCCACTGGGGAGCAGGAAGTCCTGGCTGGTTTA 1160
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Qy 621 TGCAGAAAGAAGATTCTCTTTATGTCCTGGCCCTTATTTCCACGAGGATGGAATAAT 680
 Db 541 TGCAGAAAGAAGATTCTCTTTATGTCCTGGCCCTTATTTCCACGAGGATGGAATAAT 600
 Qy 681 TCCACACATAATGAGAACATTGGGGCTGGTCCTCATGTCATC 740
 Db 601 TCCACACATAATGAGAACATTGGGGCTGGTCCTCATGTCATC 660
 Qy 741 TGCTACTGGGANTCCTGTAACAGAAAGGAGGATAGG 800
 Db 661 TGCTACTCGGAAACCTGTCGGGTGTCAAACAGAAAGGATAGG 720
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 Db 841 AGTCACTGAGCAAGCACGAGCTCTGGATGACTCTGCACT 900
 Qy 981 AATCCCATCATCATGCTCTGGAGACTCTGGATGACTCTGCACT 1040
 Db 901 AATCCCATCATCATGCTCTGGAGAGTTCAGAGGATTCAGGGTTC 960
 Qy 1041 CGAAAGCACATACCAAGGCTCTGGAAACATGTCAGGTTTCAGGGAGACAGTG 1100
 Db 961 CGAAAGCACATACCAAGGCTCTGGAAACATGTCAGGTTTCAGGGAGACAGTG 1020
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 Db 1021 GATGGAGTGACTTCACAAACAGCCTTCACACTGGGAGCAGGAAGTCGGCTGGTTA 1080
 Qy 1161 TAA 1163
 Db 1081 TAA 1083

RESULT 4

US-10-106-623-19

; Sequence 19, Application US/10106623

; Patent No. US20020150888A1

; GENERAL INFORMATION:

; APPLICANT: Gray, Patrick W.

; Schwelkert, Vicki L.

; Report, Carol J.

; TITLE OF INVENTION: Chemokine Receptor Materials and Methods

; NUMBER OF SEQUENCES: 20

; CURRENT APPLICATION ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 S. Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: USA

; ZIP: 60606

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/106,623

; FILING DATE: 26-Mar-2002

; CLASSIFICATION: <Unknown>

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/771,276

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: No. US20020150888A1 and, Greta E.

; REGISTRATION NUMBER: 35,302

REFERENCE/DOCKET NUMBER: 27866/33670
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-471-6300
 TELEX/FAX: 312-474-0448
 INFORMATION FOR SEQ ID NO: 19;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1059 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1056
 SEQUENCE DESCRIPTION: SEQ ID NO: 19;
 US-10-106-623-19

Query Match	35.6%	Score 704.6;	DB 12;
Best Local Similarity	81.4%;	Pred. No. 1.e-20;	
Matches 834;	Conservative 0;	Mismatches 179;	Indels 12;
			Gaps 1;

Qy 151 TTGATATTGATTACGGTCTCCGTGATTAATTGAGGTGAAGCAAATGGGCCAAC 21.0
 Db 35 TCGATATTATGACATGGAAACCCTGCCAAAATAATCAATGTGAACACATGCAAGCCCC 94
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 Db 95 TCCRGCTCCGGCTGACTACTCTGGTGTCACTCTTGTGTTGGAAACATGCTGGTGC 154
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 Qy 571 CCNGGTTGGCTGCTGTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCT 630
 Db 455 CTGGGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 514
 Qy 631 AACATCTGTTATGCTGTTGGCCCTTATTGTC - - - - - CGAGGATGGATA 678
 Db 515 AACGTCTCATCACCTGAGCTTCATCATCTTCATGAGTCATTCATCTGGCT 574
 Qy 679 ATTCACACATAATGAGGAACATTGGCTTGGCTTGGCTTGGCTTGGCTTGGCTTGGCT 738
 Db 575 ATTTACACATAATGAGTGTCATCTGGCTTGGCTTGGCTTGGCTTGGCTTGGCT 634
 Qy 739 TCTGCTACTCGGGAAATCTGAAACCCCTGCTTGGCTTGGCTTGGCTTGGCTTGGCT 798
 Db 635 TCGTGTACTCGGGAAATCTGAAACCTGCTTGGCTTGGCTTGGCTTGGCTTGGCT 694
 Qy 799 GGGCAAGAGAGTCATCTCACCATCATGATGTTACTCTCTCTCTCTCTCTCTCTCT 858
 Db 695 GGCTGAGGGCTTATCTCACCATCACATGTTTCTCTCTCTCTCTCTCTCTCTCTCT 754
 Qy 859 ACATTTGCTCTCCGAAACCTTCAGGAATTCGGCCNGAATCTGCAAAAGCA 918
 Db 755 ACATTTGCTCTCCGAAACCTTCAGGAATTCGGCTGATATTGAGTAGCT 814

Qy	919	CCAGTCAACTGGACCAAGCCACGCAAGTGGATGAGACTCTGGATGACACTGCGCA	978	Db	304	AGTGGGACTTGGAAATAACATGTGAACTCTTGAGGGCTATTAGGCTCT 363
Db	815	CTAACAGGTTGACCAAGCCATGCAAGTGGATGAGACTCTGGATGACACTGCGCA	874	Qy	454	TGGGGAACTCTTATCATCCTGACATCTGGGATGAGACTCTGGATGACACTGCGCA 513
Qy	979	TCAATCCATCATCTATGCTTCAGGGAAAGTTCAGAGGTATCTCGGGTTCT	1038	Db	364	TCTGGAATCTCTTATCATCTGCTCCATGCTGCGCTCATG 423
Db	875	TCAACCCATCATCTATGCCCCCTGGGGAAAGTCAGAAACTCTTATGCTCT	934	Qy	514	CTGGTTGCTTAAGCCAGGAGGTACCTTGGGGTGGTACAGTGTGATCACCT 573
Qy	1039	TGGAAAGCACATCAAGCTTCTGCAACATGGGAAAGTTCAGGGAGACAG	1098	Db	424	CTGTGTTGCTTAAGCCAGGAGGTACCTTGGGGTGGTACAGTGTGATCACCT 483
Db	935	TCCAAAGCACATGGCAACGCTTCTGCAATTCAGGAAAGGCTC	994	Qy	574	GTTGGCTGGATCATCTTAAATGCGAGGATCTTAAATGCGAGAAGAG 633
Qy	1099	TGGATGGGTGACTTCAACAAACGCCCTTCACTGGGAGGGAAAGTCGGCTGGT	1158	Db	484	GGTGGTGGCTGGTTCGGTCTCCAGGAATCACCTTACCAAGTCTCAAAGAG 543
Db	995	CCGAGCAGCAAGTTCAGTTACACCGATCACSTGGAGGAAATCTGGGCT	1054	Qy	634	ATCTGTTATGCTGTGGCCCTATTTCACA 681
Qy	1159	TATAA 1163		Db	544	GTCATACCTGAGCTTCATTCATGAGTCAATTCTGAAAGAAATT 603
Db	1055	TGTGA 1059		Qy	682	TCCACACATAATGGACACATTGGGCTGGCTGCCTGGCTCATCGTCATCT 741
Db				Db	604	TCCAGACATAAGATACTCATCTGGGCTGGCTGCCTGGCTCATCGTCATCT 653
Qy				Qy	742	GCTACTCGGAATCCTGAAACCGTGTGGCTGCCTGGCTGCCTGGCTCATCGTCATCT 801
Db				Db	664	GCTACTCGGAATCCTGAAATGAGGACAGGG 723
Qy				Qy	802	CAGTAGACTCATCTTACCATCATGATGTTTACTCTTGGACTCCCTATAACA 861
Db				Db	724	CTGGAGGGTTATTCACATCATGATGTTTACTCTTGGCTGGCTGCCTGGCTCATCGTCATCT 783
Qy				Qy	862	TTCGATCTCCGAAACCTTCCAGGAAATTCTGGCTGTAACTGTGACCTGACCA 922
Db				Db	784	TTCGCTCTTCCTAACCTTCCAGAAATCTGGCTGTAAATGCGTCTCTA 843
Qy				Qy	922	GTCACTGACCAGCCAGGCTGACAGAGACTCTGGGATGACTCTGGCTGCATCA 981
Db				Db	844	ACAGTTGGACCAAGCTATCGAGGTGACAGACTCTGGCTGCATCA 903
Qy				Qy	982	ATCCATCATCTATGCCCTTGTCGGGAGAAGTTCAGAAACTCCCTAGTCCTCC 1041
Db				Db	904	ACCCATCATCTCTGCTTCAGGAAACTCCCTAGTCCTCC 963
Qy				Qy	1042	GAAGCCACATCACCAAGGCTTCGCAAATGCTGTTACAGGGTACACTCTGGTGTCTGGT 1101
Db				Db	964	AAAAGCACATCACCAAGGCTTCGCAAATGCTGTTACAGGGTACACTCTGGTGTCTGGT 1023
Qy				Qy	1102	ATGGAGTGTCTCAACAAACAGCCCTTCACACTGGGGAGGAGAATCTGGCTGGTTTAT 1161
Db				Db	1024	AGCGCAAGCTCATGCTTACACCGATCCACTGGGAGGAAATCTGTGGCTGT 1083
Qy				Qy	1162	AAAAGAGGAGGAGGCTGTGT 1184
Query	Match	35 5%	Score 703 4;	Db	110	Length 1225;
Best Local Similarity	80.5%	Pred. No.	2.8e+201;	Indels	12;	Gaps 1;
Matches	840;	Conservative	0;	Mismatches	191;	
US-09-813-653-14				Db	1084	GACAGGACTCAAGTGGCTGT 1106
RESULT 5						
US-09-813-653-14						
; Sequence 14, Application US/09813653						
; Patent No. US20060770A1						
; GENERAL INFORMATION:						
; APPLICANT: Nestor, John						
; APPLICANT: Wilson, Carol						
; SEE: Raymond						
; APPLICANT: Tan Hehir, Christina						
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds						
; FILE REFERENCE: CNS-005						
; CURRENT APPLICATION NUMBER: US/09/813,653						
; CURRENT FILING DATE: 2001-03-20						
; PRIOR APPLICATION NUMBER: US 60/190,946						
; PRIOR FILING DATE: 2000-03-21						
; PRIOR APPLICATION NUMBER: US 60/190,996						
; PRIOR FILING DATE: 2000-03-21						
; PRIOR APPLICATION NUMBER: US 60/191,299						
; PRIOR FILING DATE: 2000-03-21						
; NUMBER OF SEQ ID NOS: 44						
; SOFTWARE: PatentIn version 3.0						
; SEQ ID NO: 14						
; LENGTH: 1225						
; TYPE: DNA						
; ORGANISM: Homo sapiens						
; FEATURE: CDS						
; NAME/KEY: CDS						
; LOCATION: (27)...(1085)						
US-09-813-653-14						
Query	Match	35 5%	Score 703 4;	Db	110	Length 1225;
Best Local Similarity	80.5%	Pred. No.	2.8e+201;	Indels	12;	Gaps 1;
Matches	840;	Conservative	0;	Mismatches	191;	
US-09-813-653-14						
Query	154	ATTATGATACGGCTCCGCTATAATTGACGTGAGCAATGGGCCAACCTCC	213	Qy	155	ATTATGATACGGCTCCGCTATAATTGACGTGAGCAATGGGCCAACCTCC 213
Db	64	ATTATGATACGGCTCCGCTATAATTGACGTGAGCAATGGGCCAACCTCC	123	Db	64	ATTATGATACGGCTCCGCTATAATTGACGTGAGCAATGGGCCAACCTCC 123
Qy	214	TGCCCTCCGCTTACTCGCTGGTGTCACTCTGGTTGTGGCAACATGCTGGTGTGCC	273	Qy	274	TCACTTAACTGCAAAAGCTGAATGCTGACTGACTGACATTTACCGCTCAACCTGG 333
Db	124	TGCCCTCCGCTTACTCGCTGGTGTCACTCTGGTTGTGGCAACATGCTGGTGTCC	183	Db	184	TCACTTAACTGCAAAAGCTGAATGCTGACTGACTGACATTTACCGCTCAACCTGG 243
Qy	334	CCATCTGATCTGCTTCTTATACCTCCATTGCGGCTCACCTCTGGTCAAATG	393	Qy	394	AGTGGGTCTGGGAATGCAATGTGCAAAATTACAGGGCTGTATCAAATCGTTATT 453
Db	244	CCATCTGATCTGCTTCTTCTCTCACTGCTGGCTCACTATGCTGGGCC 303		Db		
Qy				Qy		

RESULT 6
US-10-086-814-2
; Sequence 2, Application US/1008614
; Publication No. US20030092632A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William C.
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 6.010-AB-1
; CURRENT APPLICATION NUMBER: US/10/086,814
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 2
; LENGTH: 1,376
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-814-2

RESULT 8
 US-09-841-1
; Sequence 1, Application US/09759841
; Patent No. US2010039026A1.
; GENERAL INFORMATION:
; APPLICANT: Rickett, Graham A
; DOB: Susan
; APPLICANT: Perros, Manousos
; TITLE OF INVENTION: Assay Method
; FILE REFERENCE: PC10348APME
; CURRENT APPLICATION NUMBER: US/09/759,841
; CURRENT FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: GB 0000561.9
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000663.5
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: GB 0000659.3
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1477
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1377_1384, 1385
; OTHER INFORMATION: n is a or g or c or t/u
 US-09-759-841-1

Query Match Score 703.4; DB 10; Length 1477;
 Best Local Similarity 80.5%; Pred. No. 3.1e-201;
 Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

Db 937	CTGTGAGGCCTATCTACCCATCATGATGTTTATTCCTGGCTCCCTACACA	996	QY 334	CCATCCTGATCTGCTTTCTTACTCTCCCATTGCGCTCACTCTGCTGCAAATG	393
QY 862	TGTCATTCTCTGAACACCTTCCAGGAATTCTCGCTCAGTACTGTGAAAGCACCA	921	Db 457	CCATCTGACTTCTCCCTTACTGCCCCATATGCGGCC	516
Db 997	TGTCCTCTCTGACACCTTCCAGGAATTCTGGCTGAAATGAGTCTCA	1056	QY 394	ACTGGCTTGGAAATGCAATGCTGAAATTATTCAGGGCTGTATCACATGGTATT	453
QY 922	GTCACATGGACCAAGCTGGATGACTCACTGTCGATICA	981	Db 517	AGTGGACTTGGAAATACTGTCACACTGTCGACAGGGCTCATTTAGGCTCT	576
Db 1057	ACAGGTGACCAAGCTGGAGGTGACAGACTCTGGATGACTCACTGTCGATICA	1116	QY 454	TGGGAAATCTCTTCTCATCACCTCTGACATCGTAGATACTCGCTATGCTCATG	513
QY 982	ATCCCATCATATGCTCTGGATGAGCAGACTCTGGATGACTGTCATCA	1041	Db 577	TGCTGAAATCTCTCATCATCACCTCTGACATCGTAGATACTGCTGTCATG	636
Db 1117	ACCCCATCATATGCTCTGGATGACTCACTCTTACTCTCTCC	1176	QY 514	CRTGTTGCTTAAGCCAGAACGGTACCGTACCTTGGGGTGTGACAAGTGTCATCACCT	573
QY 1042	GAAGCACATACCAAGCCTGCTGAAACATGTCAGTTCTACAGGAGACAGTGG	1101	Db 637	CRTGTTGCTTAAGCCAGAACGGTACCTTGGGGTGTGACAAGTGTCATCACCT	696
Db 1177	AAAAGCACATTCCAACGCTCTGCAATGCTGTCATTTCCAGAACAGGCTCCG	1236	QY 574	GTTGGCTGGGTTCTGCTGCCAGGAATCATCTTACTAAATGCCAGAAAGAG	633
QY 1102	ATGGAGTGACTTCAACAAACAGCCTTCACTGGGAGCAGAACTGGTTAT	1161	Db 697	GTTGGGCGCTGCTGCTTCCAGGAATCATCTTACAGATCTCAGAACAGAG	756
Db 1237	ACGAGGAAGCTCAAGTGGCTGAGTACCCGAACACTGGGAGCAGGAATPATCTGGCTGT	1296	QY 634	ATTTGTTTATGCTGTCGCCCCATTCTTCCAACTGTCAGTACAAATTCTGGAGAAAT	681
QY 1162	AAACCGAGGAGGAGTGTATGT	1184	Db 757	GTCTCATTAACCTGACCTGACCTCTCATTCATGTCATCTGTCATCTGTCATCT	816
Db 1297	GACACGGACTCAAGTGGCTGGT	131.9	QY 682	TCCACACATAATGAGGACATTGGGCTGGCTCTGCTCATGTCATCTGTCATCT	741
QY			Db 817	TCCAGACATTAAGATACTGCTGAAACCTGTCGAAACGAAAGAGGATAGGG	801.
Db			QY 742	GCTACTCGGGAAUTCTGCTGAAACCTGTCGTTCTGCTGAAACGAAAGAGGATAGGG	801.
Db			Db 877	GCTPCTGGGAATCTTAAACACTGCTGCTGCTGCAATGAGAACAGGACAGGG	936
QY			QY 802	CAGTGGAACTCATCTTACCATCTGATGTTCTTCTTGGACTCTCCATAACA	861
Db			Db 937	CTGGAGGCTTCTACCATCTGATGTTCTTGGCTCTGCTGCTGCTGCTGCTGCTG	996
QY			QY 862	TGTCATCTCTGAAACACTTCCAGGAATTCTGGCTCTGAGTACTGTAACCTGAA	921
Db			Db 997	TTGCTCTCTCTGCTGAAACCTTCTGGATGACTCTACTGCTGCTGCTGCTG	1056
QY			QY 922	GTCACCTGGACCAAGCACCAGTGACAGACTCTGGATGACTCTACTGCTGCTG	981
Db			Db 1057	ACAGGTGGACCAAGCTGAGATGAGTGGAGGAGTCTGGATGAGTGGAGT	1116
QY			QY 982	ATCCATCATCTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	1041
Db			Db 1117	ACCCATCATCTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	1176
QY			QY 1042	GAAGCACATCCAGCGCTTCTGAAACAAATGTCAGGAGAGTGG	1101
Db			Db 1177	AAAAGACATTCACAAACGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTG	1236
QY			QY 1102	ATGGAGTGACTTCAACAAACGCTTCTGCTGCTGCTGCTGCTGCTGCTG	1161
Db			Db 1237	AGCGAGCAACTGCTTACCCGATCCACTGGGAGCAGAACATTCAGGAGCAG	1296
QY			QY 1162	AAAACGGAGCAGTGGTGT	1184
Db			Db 1297	GACACGGACTCAAGTGGCTGCT	1319

RESULT 9
 US-09-759-841-2
; Sequence 2, Application US/09938719
; Patent No. US201006742A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR

NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Knobbe, Martens, Olson & Bear
 STREET: 620 Newport Center Drive 16th Floor
 CITY: Newport Beach
 STATE: CA
 COUNTRY: U.S.A.
 ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/938,719
 FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 09/626,939
 FILING DATE: 27-JULY-2000

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E
 REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: <Unknown>

SEQUENCE CHARACTERISTICS:

TYPE: nucleic acid
 STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: NAME/KEY: CDS

LOCATION: 240..1295

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-938-19-2

Query Match Score 703.4; DB 1.0; Length 1477;
 Best Local Similarity 80.5%; Pred. No. 3.1e-201; Gaps 1;

Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

Qy 154 ATTATGATTACGGTCTCGATAAATTGACCTGAAGAAATTGGGGCCAACTTC 213

Db 277 ATTATGATTACATGGAGGCCCTGCCAAAATCAATGTGAAGAAAATCAGTC 336

Qy 214 TGCCTCCGGCTACTCGCTGTTACTCGGTGTCATCTTGTTGTTGCTTC 273

Db 337 TGCCTCCGGCTACTCGGTGTCATCTTGTTGTTGTTGCAATCGTGTTC 396

Qy 274 TCATCTTAATAAAACTGCAAAAAGCTGAAGCTTGAACATGTCACATTACCTGG 333

Db 397 TCATCTGATAAACTGCAAAAAGCTGAAGCTTGAACATGTCACATTACCTGG 456

Qy 334 CCATCTCTGACTCTGCTTTCCTTACTCCATGACAATGGCTTGTGCAACTTG 576

Db 457 CCATCTCTGACTCTCCTCATGTTGTTGTTGTTGTTGTTGTTGTTGTTG 513

Qy 577 TCTCTGGAACTCTCTCATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG 636

Db 514 CTGCTGTTGCTTAAAAGCAGGACGGTCACTCTGCTTGTGCAACTGGCTT 573

Db 637 CTGCTGTTGCTTAAAAGCAGGACGGTCACTCTGCTTGTGCAACTGGCTT 696

Qy 574 GGTTGGTGGCTGCTTGTGCTTGTGCTTGTGCTTGTGCAACTGGCTT 633

Db 697 GGTTGGTGGCTGCTTGTGCTTGTGCTTGTGCTTGTGCAACTGGCTT 756

Qy 634 ATTCTGTTTATGTCGTCCTTATTTCCA-----CGAGGATGGAAATT 681

Db 757 GCCTCATTTACCTGCACTTCATGTCAGTCACTGGCTCATGTCATCTG 816

Qy 682 TCCACACAAATAATGAGAACATTTGGGGCTGCTCCTGCGCTCATGTCATCTG 741

Db 817 TCCAGACATTAANGATAGTCATCTGGCTCTGGCTCATGTCATCTG 876

Qy 742 GCTACTGGGAACTCTGAACCTGCTGGTGTGCAAGAAAGAGGATAGGG 801

Db 877 GCTACTGGGAATCTCATCTGGCTTGCTGCTGCTGCTGCTGCTGCTG 936

Qy 802 CAGTGAAGTAGTCATCTACCACATGAACTTGATGTTACTCTCTGGACTCCCTATAACA 861

Db 937 CTGTAAGGCTPATTCATGTCAGTCACTGATGTTTCTCTGGCTCTGACAA 996

Qy 862 TTGTCATCTCCTGAAACCTTCCAGGAATTCTGGCCCTGACTAATCTGAAAGCACC 921

Db 997 TTGTCATCTCCTCTCTGAAACCTTCCAGGAATTCTGGCTGATAATCTGAGCTCTA 1056

Qy 922 GTCAACTGGCCAAGGCCACAGCTGAGGTGACAGACTCTGGGATGACTGTCATCA 981

Db 1057 ACAGGTGAGCAAGCTGATGCAAGCTTACAGGAGACATGTCATCA 1116

Qy 982 ATCCCATCATCTATGCTCTGGTGTGAAAGTTCAAGGTTACCTCTGGTTCTCTGCC 1041

Db 1117 ACCCCATCATCTATGCTCTGGTGTGAAAGCTTCAAGAACTCTGGCTTCTC 1176

Qy 1042 GAAAGACATACCAAGCGCTCTGCAAACAAATGCOAGTTCTACAGGAGACAGTGG 1101

Db 1177 AAAAGACATATGCCAAACGCTCTGGCAATCTGTTCTATTTTCAGCAAGGCTCCCG 1236

Qy 982 ATGGAGTAGCTCAAAACAGCTTCCACTGGGAGCAAGGTTACCTCTGGTTCTCTGCC 1161

Db 1237 AGCGAGCAAGCTGCTAGTTACCCGATCCACTGGGAGCAAAATCTGCTGT 1296

Qy 1162 AAAACGAGGAGCAGCTTGTGATGTT 1184

Db 1297 GACAGGAGCTAAGGGCTG 1319

RESULT 10
 US-09-939-226-2

; Sequence 2, Application US/09939226

; Patent No. US2002011085A1

; GENERAL INFORMATION:

; APPLICANT: SAMSON, MICHEL
 ; PARMENTIER, MARC
 ; VASSART, GILBERT
 ; LIBERT, FREDERICK

; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESS: Knobbe, Martens, Olson & Bear
 ; STREET: 620 Newport Center Drive 16th Floor
 ; CITY: Newport Beach
 ; STATE: CA
 ; COUNTRY: U.S.A.

; ZIP: 92660

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

; CURRENT APPLICATION DATA:

; FILING DATE: 24-Aug-2001

; PRIORITY APPLICATION NUMBER: <Unknown>

; CLASSIFICATION: <Unknown>

; APPLICATION NUMBER: 09/626,939

; FILING DATE: 2000-07-27

; ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1477 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

NAME/KEY: LOCATION: 240..1295

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-939-226-2

Query Match Score 703 4; DB 10; Length 1477;

Best Local Similarity 80.5%; Pred. No. 3.1e-201;
Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

Qy 154 ATTATGATTAAGGTGTCATTAATTGACGTGAGCAATTGGGCCAACTCC 213

Db 277 ATTATGATTAATCGGGCCTGCCAAAATCAATGGRACCAAATCGAACCCGCCTCC 336

Qy 214 TGCCTCGGCTTACTCGCTGTTCATCTGGTTGGCAACATGCTGGTGC 273

Db 337 TGCCTCGGCTTACTCGCTGTTCATCTGGTTGGCAACATGCTGGTGCATCC 396

Qy 274 TCATCTTATAAATCTGCAAAAGCTGAAGTGCTGACTGATTACCTGTCACCTGG 333

Db 397 TCATCCGATAAACCTGCAAAAGCTGAAGCATGTCGATCTGCAACCTGG 456

Qy 334 CCATCCCTGATCTGCTTTCUTATTACTCDCCATTGTTGGCTCACTCTGTGCAAAATG 393

Db 457 CCATCTGATCTGACCTGTTTCCTCTTACTGTCGCCCTCTGGCTCTAATGTTGCC 516

Qy 394 ATGGGGCTTGGAAATGCAATGTGAAATTACATGGCTGTATCACATCGGTATT 453

Db 517 ATGGGGCTTGGAAATGCAATGTGAAATTACATGGCTGTATCACATCGGTATT 576

Qy 454 TTGGCGGAATCTCTCATCCCTCTGACATGATAGATACCTGCACTTGTCCATG 513

Db 577 TCTCTGATCTCTCATCCCTCTGACATGATAGATACCTGCACTTGTCCATG 636

Qy 514 CTGTTGTTGCTTAAAGCCAGGACGGTACCTTGTGGTACAAATGCTGATCACT 573

Db 637 CTGTTGTTGCTTAAAGCCAGGACGGTACCTTGTGGTACAAATGCTGATCACT 696

Qy 574 GTGTGGGCTGTGCTTCTGTCAGGAACTCATTTTACTAATGCCAGAAAG 633

Db 697 GGTGGGSGGTGCTTCACTTACGTTTACGATTCATTTACAGATCTCAAAAGAG 756

Qy 634 ATTCGTTATGCTGTCCTTATTTCCA-----CGAGATGCAATT 681

Db 757 GCTTTCATACACTGCGCTCTCATTTCCATACAGTCAGTCAATCTGGAGAATT 816

Qy 682 TCCACACATAATGAGAACATTGGGCTGGTCCTCTCATCGTCATCT 741

Db 817 TCCAGACATTAAGATACSTCATCTCCACCATCATGATGTTATTCTGGCTCATCT 876

Qy 742 GCTACTCGGAATCCTGAAAACCTGCTGCAACGAGAAAGAGGGCATAGGG 801

Db 877 GCTACTCGGAATCCTGAAAACCTGCTGCAACGAGAAATGAGAGGCACAGG 936

Qy 802 CAGTGAGAGTCACCTCACCACATGATGTTACTTCTCTGGACTCCCTATAACA 861

Db 937 CTGTGAGGCTTAATCTCCACCATCATGATGTTATTCTCTGGCTCCCTACAACA 996

Qy 862 TTGTCATCTCCCTGAAACCTTCCAGGAATTCTCGGCCCTGAAACTGTAAGACCA 921

Db 997 TTGNCCTTCVCCCTGAAACCTTCAGGAATTCTGGCTGAATAATGCACTGCTTA 1056

Qy 922 GTCAACTGGACCAAGCCACGGAGTGCAGAGACTCTGGATGACTCATCTGCACTCA 981

Db 1057 ACAGGTTGGACCAACCTATGGAGTGCAGACCTCTGGATGACGACTCTGTCATCA 1116

Qy 982 ATCCCATCATCTATGCTTCTGGGAGAAGTCTCGGTGTTCTCC 1041

Db 1117 ACCCATCATCTATGCTTGTGCGGAGAAGTCAACTCCCTTASTCTCTTCC 1176

Qy 1042 GAAAGCACATCACAAAGCGCTCTGGCAAAATGTCAGTCACTGGAGCATGG 1101

Db 1177 AAAAGACATGCCAAACGCTGAAATCTGTTATTCAGCAAGGGTCCC 1236

Qy 1102 ATGGAGTGACTCTCAAACACGCTCCACTGGGAGCAGGAATCTCGCTGTTAT 1161

Db 1237 AGCAGCAAGCTGAGTGGCTGTACCCGATCCACGGAGAAATCTGTGGCTGT 1296

Qy 1162 AAAACGAGGAGGAGCTTGATGT 1184

Db 1297 GACACGGACTCAAGTGGCTGT 1319

RESULT 11
US-09-938-703-2
Sequence 2, Application US/09938703
; Patent No. US2002110870A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; PARMENTIER, MARC
; VASSART, GILBERT
; LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knoobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1477 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: Linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 240..1295
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
; US-09-938-703-2
; Query Match Score 703 4; DB 10; Length 1477;
; Best Local Similarity 80.5%; Pred. No. 3.1e-01;
; Matches 840; Conservative 0; Mismatches 191; Indels 12; Gaps 1;

Qy 154 ATTATGATTAAGGTGTCATTAATTGACGTGAGCAATTGGGCCAACTCC 213

Db 277 ATTATTATACATGGAGCCCTGCACAAATAATCATGTGAGCAAATCGAGGCCCTCC 336 US-09-734-221A-13
 Qy 214 TGCCTCCCTCCTACTCGTGGCTTCATCTTGTGGSCAACAGCTGGTCGPOC 273 ; Sequence 13, Application US/09734221A
 Db 337 TGCTCCGCTCCTACTCGTGGCTTCATCTTGTGGCAACATGCTGTCATC 396 ; Publication No. US20030056221A
 Qy 274 TCATCTTAATAACTGCAAAAAGCTGAAGTGACTGACATTACCTGTCAACCTG 333 ; GENERAL INFORMATION:
 Db 397 TCATCCNATAAACTGCAAAAAGCTGAAGTGACTGACATTACCTGTCAACCTG 456 ; APPLICANT: LITTMAN, DAN R.
 Qy 334 CCATCTCTGATCTGCTTTCTCTTACTCTCCATGTGGGTCACTCTGTCAAATG 393 ; DENG, HONGKUI
 Db 457 CCATCTCTGACCTGTTTCTCTACTGTCACCTCTGGGTCACTATGTCGCCGC 516 ; ELLMETER, WILFRIED
 Qy 394 ACTGGGCTCTTGGAAATGCAAAATTAACTCAGGGCTGATGACATCGGTAT 453 ; LANDAU, NATHANIEL R.
 Db 517 AGTGGGACTTGGAAATACTACATGTCACCTCTGTCACCTCTGTCAGGGTCACTATGTCAGGGTCTACTGTGCCGC 576 ; LIU, RONG
 Qy 454 TTGGGGAAATCTCTCATCATCCTCTGACATGATACTGGTATATGGCATG 513 ; TITLE OF INVENTION: G-COUPLED RECEPTORS ASSOCIATED WITH
 Db 577 TCTCTGAACTCTCTCATCATCCTCTGACATGATACTGGTATATGGCATG 513 ; MACROPHAGE-TROPHIC HIV, AND DIAGNOSTIC AND THERAPEUTIC
 Qy 514 CTGTGTTGCTTTAAAGCAGGACGSGTCACCTTGTGGGTGTGACAGTGATCACCT 573 ; USES THEREOF
 Db 637 CTGTGTTGCTTTAAAGCAGGACGSGTCACCTTGTGGGTGTGACAGTGATCACCT 696 ; NUMBER OF SEQUENCES: 14
 Qy 574 GGTGTTGGCTGTGTTGCTGTCAGGAAATCATCTTAATGCGAGAAAG 633 ; CURRENT APPLICATION DATA:
 Db 697 GGTGTTGGCTGTGTTGCTGTCAGGAAATCATCTTAATGCGAGAAAG 756 ; ADDRESS: David A. Jackson, Esq.
 Qy 634 ATTCCTTTATGTCGTGTCAGTATCATCTTCAATTCCA-----CGAGGTGAAATAAT 681 ; STREET: 411 Hackensack Ave, Continental Plaza, 4 th
 Db 757 GTCTCATCATCACCCCTCAGGCTCATCTTCATACAGTCAATTGAAAT 816 ; FLOOR:
 Qy 682 TCCACACAATAATGAGAACATTATGGGCTCTGGCTCTGCCTCATCTGGTCATCT 741 ; CITY: Hackensack
 Db 817 TCCAGACATTAAGATAGTAGTATCTGGCTGTGTCATCTGGTCATCT 876 ; STATE: New Jersey
 Qy 742 GCTACTCGGGAAATCTGAAACACCCCGCTTGGCTGCGAAACAGAGAAAAGGGCTAGGG 801 ; ZIP: 07601
 Db 877 GCTACTGGGAATCTCAAALACTCGCTGGCTGTGTCAGTAAATGAGAAAGGG 936 ; COMPUTER READABLE FORM:
 Qy 802 CAGTGAGAAGTCATCTCACCATCATGATGTTACTTCTCTGGACTCCCTATAACA 861 ; MEDIUM TYPE: FLOPPY DISK
 Db 937 CTGTAAGGGCTATCTCACCATCATGATGTTACTTCTCTGGACTCCCTACA 996 ; COMPUTER: IBM PC COMPATIBLE
 Qy 862 TTGTCATTCTCTGACACCTCCAGGAATTCGGCTGAGTAACTGTGAAAGGACCA 921 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 Db 997 TTGTCCTTCCTGACACCTTCAGGAATTCGGCTGAGTAACTGTGAAAGGACCA 1056 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 Qy 922 GTCAACTGACCAAGGCCAACCGAGCTATGAGGAGACTCTGGATGACTCTG 981 ; CURRENT APPLICATION DATA:
 Db 1057 ACAGTTGACCAAGCTGAGGAGACTCTGGATGAGCAGTCATCA 1116 ; ADDRESS: David A. Jackson, Esq.
 Qy 982 ATCCCATCATCTGACCTCTGAGGAGCTGGGAGAAGTCTGGATGACTCTGGTGTCTTC 1041 ; STREET: 411 Hackensack Ave, Continental Plaza, 4 th
 Db 1117 ACCCCATCATCTAATGCTGAGGAGACTCTGGATGAGCAGTCATCA 1176 ; FLOOR:
 Qy 1042 GAAAGCACATACCAAGGGCTCTGCAAAATGCACTTGTGGCTGAGGAGACTGG 1101 ; CITY: Hackensack
 Db 1177 AAAGGACATATGCCAAACCCCTCGCAATGCTGTTCTGCAAGGCTCCCG 1236 ; STATE: New Jersey
 Qy 1102 ATGGATGACTTCACAAACAGCCTCCACTGGGAGGAGAAATCTGGCTGGTTAT 1161 ; ZIP: 07601
 Db 1237 AGGAGGCAAGGCACTGAGTTACACCCGATCCACTGGGAGGAGAAATCTGTGGCTGT 1296 ; COMPUTER READABLE FORM:
 Qy 1162 AAAAGGAGGAGGAGTTGAGTTGAGTT 1184 ; MEDIUM TYPE: FLOPPY DISK
 Db 1297 GACACGGACTCAAGTGGCTGG 1319 ; COMPUTER: IBM PC COMPATIBLE
 Qy 334 CCATCTCTGATCTGCTTCTTCTTATCTCTCCATCTGGGCTCACTCTGGCTGCAAAATG 393 ; OPERATING SYSTEM: PC-DOS/MS-DOS

RESULT 13
 S-10-106-623-1
 Sequence 1, Application US/10106623
 Patent No. US2003015088A1
 GENERAL INFORMATION:
 APPLICANT: Gray, Patrick W.
 SCHWEICKART, Vicky L.
 REPORT, Carol J.
 TITLE OF INVENTION: Chemokine Receptor Materials and Methods
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 STREET: 6300 Sears Tower, 233 S. Wacker Drive
 CITY: Chicago
 STATE: IL
 ZIP: 60611
 COUNTRY: US
 SEQ ID NO: 1
 LENGTH: 574
QY 394 AGGGGTCTTGGAAATGCAATTACAGGGCTATCACGGTT 453
Db 332 AGGGGACTTGGAAATAATGGTCACTTGTACAGGGCTATTTATAGGCTTC 391
QY 454 TTGGGGAAATCTCTTCATCCCTGACAATCGATAGATACTGGCTATTGTCATG 513
Db 392 TCTTGAACTTTCATCCCTGACAATGATAAGTACCTGGCTGTCATG 451
QY 514 CTGTGTTGCTTAAGCAGGCGTACCTTGGGTTGGTACAAGTGATACCT 573
Db 452 CTGTGTTGCTTAAGCAGGCGTACCTTGGGTTGGTACAAGTGATACCT 511
QY 574 GGTTGGGCTGTTGCTGTTGCTGCCAACATCATCTTGTACAGAAAGAAG 633

Query Match		35.5%	Score 701.8;	DB 10;	Length 1225;
	Best Local Similarity	80.4%;	Pred. No. 8	4e-201;	
	Matches 839; Conservative 0;	Mismatches 192;	Indels 12;	Gaps 1;	
QY	512 GGGTGGCTGGCTGTGTTGSGNCTCGCCATTATTTCCA-----	-	-	-	CGGAGATGAAATCATCTTACCGGAATCATCTTACCAAGATCTCAAAGAAG 571
QY	634 ATTCTGTTTATGTCCTCGCCCTTATTTCCA-----	-	-	-	CGGAGATGAAATT 681
Db	572 GTCTTCATTACACCTCAGCTCTCATTTCCATACTACGTCAATTCTGAAAGATT 631				
QY	682 TCCACAAATAATGAGGAACATTGGGCTGGCTGCCCTGCICATCATGGTATCT 741				
Db	632 TCCAGACATTAAGATAGTACTCTGGGGCTGTCTGCCCTGCTGTATCT 691				
QY	742 GCTACTCGGAAATCTGAAACCCCTGCTTCGGTGTGGTAAAGGAGAAGGGATGGG 801				
Db	692 GCTACTCGGAAATCTTAAACTCTGCTTCGGTGTGGTAAAGGAGGCAAGGG 751				
QY	802 CAGTGAGASTCATCTTACCATCATGATGTTACTTCTCTCGTACTGCTTAAACA 861				
Db	752 CTGAGGGCTATCTACCATCATGATTGTTTCTCTGGCTTAACTGAAACA 811				
QY	862 TTGTCATTCCTGAAACCTTCCAGGAATTCTGGCCCTGAGTAACTGTGAAAGGACCA 921				
Db	812 TTGTCCTTCCTGAAACCTTCCAGGAATTCTGGCCCTGAGTAACTGTGAAAGGACCA 971				
QY	922 GTCACTGACCAAGCACCGAGCTTGGGATGACTCACTGTCGATCA 981				
Db	872 ACAGTTGACCAAGCTTGGGATGACTCACTGTCGATCA 931				
QY	982 ATCCCATCATCTATGCTTCCTGTTGGAGAGTTCAAGAGTATCTCTCGGTGTTCTCC 1041				
Db	932 ACCCCATCATCTATGCTTCCTGAAACCTTCCAGGAATTCTGGGAGAGTCAAAACTCCCTAGTCCTCC 991				
QY	1042. GAAGCACATCAACCAAGGCCTCTGCAAAACATGTCAGTTCTAACGGAGAACGTGG 1101				
Db	932 AAAGCACATGCCCCAACCTTCTGCAAAATGCTTCTATTTCCAGCAAGGGTCCCG 1051				
QY	1102 ATGGAGTGAATCAACACGCTTCAACTGGGAGGAAACTCTGGCTGGTTAT 1161				
Db	1052 AGCGACAGCTCAGTTAACACCGATCCACTGGGAGGAAATATCTGGGCTTGT 1111				
QY	1162 AAACGAGAGGAGCTTGTATGT 1184				
Db	1112 GACACGAGCTCAAGTGGCTGGT 1134				
RESULT 14					
US-09-813-653-16					
Sequence 16, Application US/09813653					
; Patent No. US2002004770A1					
; GENERAL INFORMATION:					
; APPLICANT: Nestor, John					
; APPLICANT: Wilson, Carol					
; APPLICANT: See, Raymond					
; APPLICANT: Tan Hehir, Christina					
; TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds					
; FILE REFERENCE: CNS-005					
; CURRENT APPLICATION NUMBER: US/09/813, 653					
; CURRENT FILING DATE: 2001-03-20					
; PRIORITY APPLICATION NUMBER: US 60/190, 946					
; PRIORITY FILING DATE: 2000-03-21					
; PRIORITY APPLICATION NUMBER: US 60/190, 996					
; PRIORITY FILING DATE: 2000-03-21					
; NUMBER OF SEQ ID NOS: 44					
; SOFTWARE: PatentIn version 3.0					
; SEQ ID NO: 16					
; LENGTH: 1225					
; ORGANISM: Homo sapiens					
; FEATURE:					
; NAME/KEY: CDS					
; LOCATION: (27) .. (1085)					
; US-09-813-653-16					
; DB 964 AAAGACATCCACCAAGCAATGTCAGTTCTACAGGGAGACGTGG					
; DB 984 ATGGAGTGAATCTGCAAACTGCTTCGTTCTGGTGTCTTCC					
; DB 904 ACCCCATCATPATGCTTCTGGGAGGAACTCTGCTTCAGTCCT					
; DB 904 ACCCCATCATPATGCTTCTGGGAGGAACTCTGCTTCAGTCCT					
; QY 1102 ATGGAGTGAATCTGCAAACTGCTTCGTTCTGGTGTCTTCC					
; QY 1102 ATGGAGTGAATCTGCAAACTGCTTCGTTCTGGTGTCTTCC					
; QY 1162 AAAACGAGGAGGAGCTTGTATGTGATGTTGATGTTGATGTTG					

RESULT 15
US-10-232-686-1
; Sequence 1, Application US/10232686
; Publication No. US2003002304A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; FILE REFERENCE: Human G-Protein Chemokine Receptor (CCR5) HDGNNR10
; CURRENT APPLICATION NUMBER: US/10/232,686
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/339,912
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/195,662
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 1
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: CDS
; NAME/KEY: CDS
; LOCATION: (259)...(1314)
; US-10-232-686-1

Query Match Score 701.8; DB 9; Length 1414;
Best Local Similarity 80.4%; Pred. No. 9.3e-201;
Matches 839; Conservative 0; Mismatches 192; Indels 12; Gaps 1;

QY 154 ATTATGATTACGGTGTCCCTGTCAATANATTGACGTGAAGGAAATTGGGCCAACTTC 213
Db 296 ATTATTAACATGGAGCCCTGCACAAATAATCAATGAGAAATTCCAGCGCC 355
QY 214 TGCCCTCCGCTACTCGCTGGTCACTCTTGTTGTTGGCCAAACATGCTGGTGC 273
Db 356 TGCCCTCCGCTACTCGCTGGTCACTCTTGTTGTTGGCCAAACATGCTGGTCACTTC 415
QY 274 TCACTCTTAAATCTGCAAAAAGCTGAAGTGTGACATTACTGCTCAACCCTGG 333
Db 416 TCATCCTGATAAAACTGCACAAAGGTGAGCATGACAACTACTGCTAACCTGG 475
QY 334 CCATCTCTGATCTGCTTTCTTCTTACTCTCCATTGGGTCACTCTGCTGCAAAATG 393
Db 476 CCATCTCTGACCTTCTCATCTCCCTGACATGATAGATACTGGTATTGCTGGCC 535
QY 394 AGTGGTGTGGTGGGAATGCAAAATTACTGCAATCAGGCGTATCACATCGTTATT 453
Db 536 AGTGGGACTTGGAAATAACATGTCACCTGCAACTCTGACAGGGCCTATTTATGGCTCT 595
QY 454 CTGGCTTGTCTTAAAGCCAGGAGGTGACCTTGGGTGCAAGTGTGATCACCT 513
Db 596 TCTCNGGAATCTCCTCATCCCTGACAAATGATAGTGTACTGGTGTCTCCATG 655
QY 514 CTGGCTTGTCTTAAAGCCAGGAGGTGACCTTGGGTGCAAGTGTGATCACCT 573
Db 656 CTGGCTTGTGGTAAAGCCAGGAGGTACCTTGGGTGCAAGTGTGATCACCT 715
QY 574 GGTTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGCTT 633
Db 716 GGTTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGCTT 775
QY 634 ATTCCTGTTATGTTGTCGTTGGCCCTTATTTCATCACTGGTGTGGTGTGGTGTGGCTT 681
Db 776 GTCTTCATACACCTGAGGTACCTTCCATACAGTCAATCTGGAGATT 835
QY 682 TCCACACATAATGAGGAACATTGGGCTGGCTGCTGATGGTCACTCATGGTCACT 741

Db 836 TCCAGACATTAAAGATAGTCATCTGGGCTGGCCCTGGCTTGTGTCATGGTCATCT 895
QY 742 GCTACTGGGAATCTGAAACCCCTGAAACGGTGTGGTGTGGTGTGGTGTGG 801
Db 896 GCTACTGGGAATCTGAAACCTGAAATCTGCTGGTGTGGTGTGGTGTGG 955
QY 802 CAGTGGAGTCACTTCACCATCATGATTGTTACTCTCTGGACTCCCTACACA 861
Db 956 CNGTAGGCTTATCCTACCATCATGTTTATTCCTGCTTCTGGCTCCCTACACA 1015
QY 862 TTGTGATTCTCTGAAACCTTCAGGAAATTCTGGGCTGTGAGTAACCTGTGAAAGGCCA 921
Db 1016 TTGTGCTTCTCCGAAACCTTCAGGAAATTCTGGCTGATAATTGCACTGCTCA 1075
QY 922 GTCAGCTGACCAAGGCCACGGAGGTGACAGAGCTCTTGGATGACACTGTCATCA 981
Db 1076 ACAGGTGGACCAAGCTATGCAAGCTCTGGGATGACGACTGTCATCA 1135
QY 982 ATCCCATCATCATPATGCCCCTCGTTGGGAAAGTCAAGGGTACTCTGGTGTCTTC 1041
Db 1136 ACCCCATCATCATGCTTGTGGGAAAGTCAACTACTCTTGTGTCATCA 1195
QY 1042 GAAAGCACATCACCAGGCTCTGCAAAACAAATCCAGTTTACAGGAGACAGTGG 1101
Db 1196 AAAGCACATGCAAAACGCTCTGCAAAATGCTTCTGCAAGGGCTCCG 1255
QY 1102 ATGGAGTGACTTCACAAACACGGCTCTGCAAAACAAATCCAGTTTACAGGAGACAGTGG 1161
Db 1256 AGCGAGCAAGCTCACTTACACCGATCCACTGTTCTGCAATGCTTCTGCAAGGGCTCCG 1315
QY 1162 AAAAGAGGAGCATTTGATTGT 1184
Db 1316 GACCGGACTCATGGCTGGT 1338

Search completed: June 1, 2003, 20:21:15
Job time : 385.669 secs

